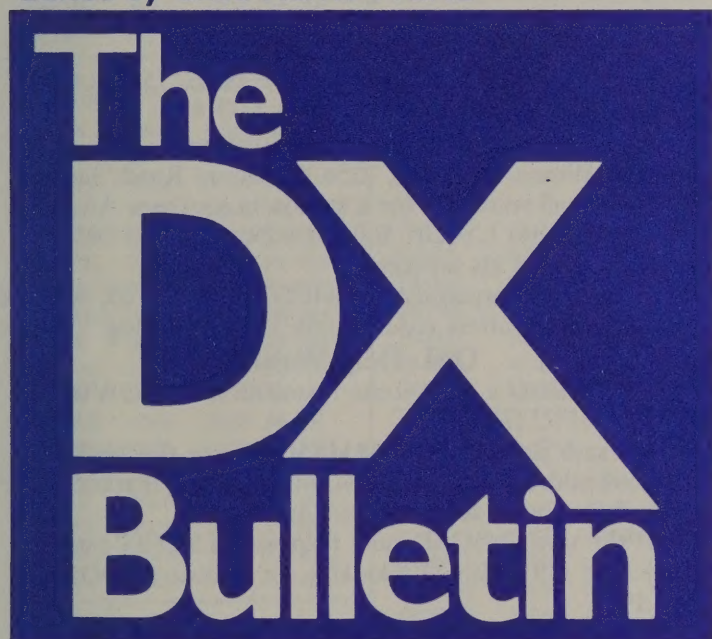


St. Paul Island - CY Duane Traver WV2B will operate as WV2B/CY9 from St. Paul Island off the coast of Nova Scotia, Canada, July 9-12, weather permitting. His wife Sheila will accompany Duane, and also operate, if she receives her stateside license in time. Mostly SSB, concentrating on 40 meters in the evening. Duane will try the new bands July 9th and 12th, and be available in the IARU HF Championship contest July 10-11. Most operation will be split frequency, with Duane listening 5-10 kHz up. He admonishes, "I will ignore partial callsigns if I can copy a complete call." QSL via Duane's home address: 99 Oregon Hill Road, Lisle NY 13797. Duane will operate on the 14336 kHz County Hunter's Net on the way to and from Nova Scotia. He also requests that QSLers make sure that their county is indicated on their QSL card.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

St. Pierre & Miquelon - FP K8AQM, N8CC, KA8POW, KB8OPT, KD0PF, KB8ECG, and N8TIB will operate /FP0 July 9-13. They have requested a special callsign for the IARU HF contest July 1011. They will be on all bands, 160-10 meters, including the new bands, on CW, SSB, and RTTY. QSL all operations via Mark Hinkleman NU8Z, 108 East Kilbuck, Tecumseh MI 49286.

Bangladesh - S2 JL1LWA, JA2SWJ, JA2KTP, JA2OCU, JA8OW, JA0GZ, and others will operate as S21ZZ or S21C May 1-6. All bands 160-6 meters, including the new bands. No QSL route mentioned.

Uganda - 5X Jim Henderson KF7E is joining the 5X1XA/XB operation after all, possibly as 5X1XC. QSL via KF7E.

Shortly Noted

- **FR5ZQ/T** has left Tromelin. However, **FR5ZU/T** is due to spend 2-4 weeks there in May.
- **4U8ITU** will be active May 20-23, by DF4UW. (DXPress.) **4U8ITU** will be operated on CW by Luc Glarey I1TRL May 8-9.
- **A92WH** is DL1WH until the end of June. QSL home call, or via the DARC (German) bureau. (DXNS.)
- **XU7VK** will be active until the end of June, by HA7VK. QSL HA0HW. (DXNS.)
- **3A/IK1HLG/M** is active May 11-14, by Frank IK1HLG on SSB, and Tony IK1QBT on CW, running 100 watts into a mobile vertical, on 80, 40, 20, 15, and 10 meters. QSL to IK1HLG, P. O. Box 155, 17025 Loano SV, Italy.
- **OD5/SP7LSE** is active until August 1, on 40-10 meters. QSL to SP7EJS.
- **ZK3RW** is Ron Wright ZL1AMO on Tokelau. First spots show him on 14026 at 0600Z, 18073 20Z, 21027 21Z, and 24904 0130Z. Also try 28492 kHz at 2330Z. QSL ZL1AMO, direct only. Remember that Ron listens **below** his transmit frequency on CW, even when signing "up."
- **4U1VIC** will be active June 13-July 28, with RB Boone WB4FNH at the mike. He'll also operate as OE3/WB4FNH. Both operations count for Austria for DXCC and CQ awards, but 4U1VIC is a separate multiplier for some other awards, such as DARC's WAE. QSL this 4U1VIC operation to RB's home address: 3809 13th Ave. West, Bradenton FL 34205.
- **C91A** will be available in the Italian contest May 1-2, with I4LCK as operator, and QSL route.
- **ON6USA** will commemorate the end of WWII June 1-30, August 29-Sept. 12, and Nov. 7-21. Watch 3544, 7044, 14044, 21044, and 28044 kHz on CW, and 3775, 7070, 14244, 21344, and 28444 kHz on SSB. QSL via ON6CL.
- **South Cooks ZK1** will be on the air May 4-28, by F6BQY. Mostly CW, with new-band activity on weekends. QSL to F1DBT.
- **RTTY: 9Y4SF** is often on 14087 kHz at 0000Z. Also, **PZ1BS** is a regular on 14084 kHz at 0100Z.
- **Islands On The Air: TM5YEU** will be active from Yeu Island (EU-064) May 28-31. **FF6KFPV/p** will be on from Quemenes Island (EU-065) May 20-23. St. Marcouf Island (EU-081) will be active May 19-24; no callsign mentioned, but QSL via F6DGT. (Thanks EADX.) **KL7TG** is a planned operation from Pleasant Island (which is anything but), in the Southeast Gulf of Alaska (NA-161), May 28-June 1, weather permitting. 40, 20, and 15 meters near the IOTA frequencies of 14260 and 21260, with some 10 meters (28460) and 80 meters, if conditions permit. Operators are KL7TG, N6IV, NL7RE, KL7HFI, and K5LSM. QSL to KL7TG. **J49GI** will be active from Gavdos Island (EU-015) May 2-7, with SV1ATV, SV1ACK, and SV1AFN. Try 1845, 3795, 7045, 14195, 21295, and 28495 kHz on SSB, and 1835 and 25 kHz up on CW. QSL SV1AFN. (DXNS.)

Propagation

Forecast and Historical Data

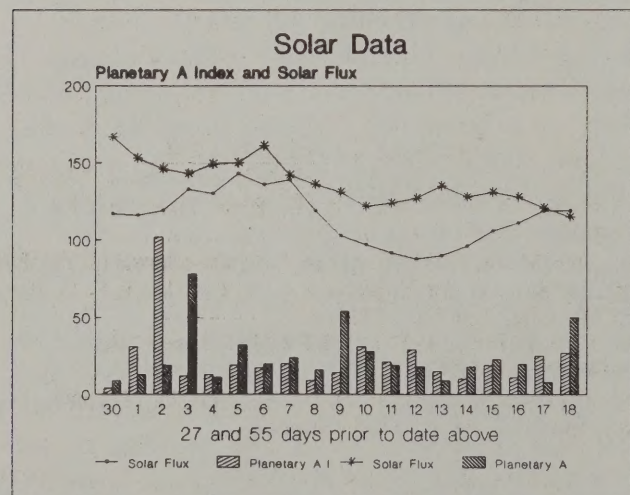
Day Forecast	27 Days Before	55 Days Before
April 1993	Date Flux A K	Date Flux A K
30 Above Normal	4/3 117 01/04 0	3/6 167 08/09 2
May 1993		
1 Below Normal	4/4 116 26/31 5	3/7 153 11/13 2
2 Disturbed	4/5 119 66/102 4	3/8 146 19/19 3
3 High Normal	4/6 133 10/12 2	3/9 143 51/78 2
4 High Normal	4/7 130 13/13 3	3/10 149 09/11 1
5 Low Normal	4/8 143 17/19 3	3/11 150 29/32 5
6 Low Normal	4/9 136 20/17 4	3/12 161 20/20 4
7 Low Normal	4/10 139 20/20 3	3/13 142 23/24 4
8 High Normal	4/11 119 09/09 2	3/14 136 16/16 3
9 Low Normal	4/12 103 11/14 2	3/15 131 39/54 3
10 Below Normal	4/13 97 25/31 3	3/16 122 23/28 4
11 Low Normal	4/14 92 17/21 2	3/17 124 17/19 2
12 Below Normal	4/15 88 26/29 4	3/18 127 14/18 1
13 Low Normal	4/16 90 12/15 1	3/19 135 09/09 2
14 High Normal	4/17 96 08/10 2	3/20 128 14/18 1
15 Low Normal	4/18 106 16/19 2	3/21 131 19/23 2
16 High Normal	4/19 111 09/11 2	3/22 128 19/20 3

Propagation Watch

The bands continue to be rather disappointing to DXers. The prolonged series of geomagnetic disturbances appears to be drawing to an end, but there is a significant chance of yet more geomagnetic activity during the first few days in May. Meanwhile, solar flux has dropped significantly. Further, as we move into summer conditions, the maximum useable frequency (MUF) drops, and signal-to-noise ratios on the lower bands decrease.

The combination of all these negative factors tends to squeeze DXing into the middle bands: 40-15 meters. 15 meters is open mid-day, especially to the southeast and southwest. 20 can stay open well past local sunset, on days of above-average solar flux. The long paths on 40, 30, and 20 meters tend to be weak, noisy, and watery, but are currently the main sources of long-haul DX. There is still plenty of E-skip and north-south propagation on 10 and 12 meters, mostly to southern Africa and South America.

This is probably a good time to begin working on low-band antennas; you will need them this winter, and over the next few years, as Sunspot Cycle 22 winds down to its anticipated minimum in 1996. Good hunting!



QSL Notes

- QSL OD5RAK's North American contacts only via Dwaine Modock WA8MEM, 28265 Gardenia Dr., North Olmsted OH 44070.
- QSL 8P9EA, 8R1K CQWW 1992 CW and SSB, PJ2/OH0XX, and 8R1RPN via Olli Rissanen OH0XX, 1313 So. Military Trail, Suite 599, Deerfield Beach FL 33442. (QSL the 1991 CQWW CW operation of 8R1K via OH2BH.)
- DL6NA, QSL manager for 9X5AB, P40NA, and P40ZJ, says the recent increases in German postage mean he will have to return many direct QSL requests via the bureau. He needs US\$2 or two IRCs for direct airmail return. Address: Harry Wismath, Anne-Frank-Str. 101, 6000 Frankfurt AM 50, Germany.
- The AH1A QSL card is in the final design stages, after selecting appropriate photos. The cards will be printed in Belgium, and returned to the US for mailing mid-June. The computer labels have been generated, and await the cards.
- QSL T42CW via P. O. Box 21056, Havana 12500 Cuba. Two IRCs or US\$1, please.
- QSL VF3SRE via Bob Chandler VE3SRE, 155 Monarch Park Ave., Toronto Ontario Canada M4J 4R5.

QSL Manager Volunteers

- Aaron Wrona KB8MKL, 2256 W. Moore Road, Saginaw MI 48601 will volunteer for a station in southern Africa.
- Tomas Magyla LY1DF, Biliuno 6-29, Anyksciai 4930, Lithuania offers his services.
- and Evgeny Tsargorodsky UA4CD, P. O. Box 83, Atkarsk 412400, Russia, offers reduced-rate QSL managing.

QSL Help Wanted

- VE1YX needs a good route for AZ8F from CQWW SSB 1992. LU5FIC can't help.
- KB8I says his card for OH0MAM, send to the 1993 *Callbook* address of OH2MAM, was returned marked "moved, no forwarding address." Any help?
- N5PHT says SM5CAK can't help with a 9Q5BS card from June 1991. He's also looking for a route for 9Q5FZ July 1992.

Notes From All Over

- The 9ER1TA/TB Eritrea operation does not presently count for DXCC. If Eritrea votes for independence with a retroactive start date, it will probably count for Eritrea. However, if the start date is not retroactive, or if Eritrea is otherwise not re-instated on the DXCC list, the 9ER1TA/TB will not count for DXCC, as the license did not come from the recognized authority: the Ethiopia government. In short, don't send your 9ER1TA/TB cards to the ARRL until further word.

QSLs Received

- From managers: C91J (W8GIO 2 WKS), EU5O (DL1GWS 3 MOS), J76EK (N6EK 2 WKS), 4V4H (KA9RLJ 6 MOS), J28A (K3IPK 3 WKS), J76YL (KB6VVX 1 MO), HF0POL (SP9DWT 5 MOS), OJ0/OH3AC (OH3AC 2 WKS), N6QHO/D2 (N6QHO 2 WKS), ZK2XJ (JA3JM 3 MOS), VS6WV (K0TLM 5 WKS).
- Direct: XL7S (3 MOS), TU4CI (6 WKS).
- Long-awaited QSLs: KM9J got his MP4BJI from manager G3PQA 22 years after mailing same. G3PQA found the request in a stack of old papers, and confirmed the QSO. N4MM just received a QSL from K0GUV for a 1984 6-meter QSO. And K6IR got his P36P QSL from N2AU after 7 1/2 years! Never give up.

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15

RTTY

9Y5SF	14087	0005	18	CA
CX5BW	14091	0411	26	CA
HR1RBB	14086	0009	19	FL
J39DB P	14103	0424	20	ID
PZ1BS	14086	0047	20	ID
RT4UA	14086	0408	26	CA
YN1YAR	21085	2205	20	FL
ZK3RW	14087	0634	16	CA

160 Meters

V85AA	1832	1237	21	CA
VK6JQ	1821	1330	20	CA
ZK2XO	1828	1321	20	CA

80 Meters

EA5TX	3502	0439	18	MI
FM5BH	3503	0302	14	AL
FM5BH	3502	0930	16	NH
HAØIS	3504	0340	18	MI
JA1HQT	3502	0925	20	NH
JA1JRK	3506	1025	15	NH
KH6AK	3503	0942	16	NH
LU2BRG	3505	0930	18	NH
LU7EE	3503	0920	20	NH
PY2BW	3505	0900	20	NH
S57ZP	3504	0430	18	MI
S59KAB	3506	0358	18	MI
TU2MA	3505	0326	18	SC
VK5MU	3505	1012	18	NH
VK6HD	3505	1000	21	NH
VK6HD	3501	2250	12	NH
ZL1BM	3502	1015	21	NH
ZL3ABV	3505	1000	13	NH

75 Meters

3XØHLU	3793	0354	18	CA
4U1UN	3791	2248	13	NH
ET3DX *	3799	0210	15	CA
PZ1EL	3795	0545	17	MI
ZP5JCY	3799	0207	17	CA

40 Meters

3C1EA	7001	0107	19	FL
4N4CX	7003	0127	18	MI
4N5CZ	7005	0147	17	MI
4U1UN	7003	0110	20	FL
4X1VF	7003	0020	11	GA
6W6JX	7003	0545	17	MI
9A1HST	7006	0246	17	MI
9M8FC	7008	1315	22	CA
9X5HG	7010	0045	18	MA
BV3AR	7006	1328	26	CA
CP4BT	7010	0040	18	MA
EA6EJ	7001	0020	22	GA
FR5DX	7052	0245	14	AL
Listening 7219				
HKØER	7015	0114	18	MI
HR1LW	7006	1205	18	FL

KH2FT	7001	0753	18	CA
PZ1DY	7007	1015	19	NC
UA6BGB	7011	0316	17	MI
ZA1Z	7006	0235	17	GA
ZD8LII	7003	2340	18	CO

30 Meters

3B8CF	10105	0301	13	MI
3B8CF	10105	1405	26	CA
3B8CF	10103	2230	17	NH
3D2QB	10109	0520	12	CA
5W1CY	10101	0743	18	CA
A22BW	10109	0445	12	CA
A71CW	10101	2253	17	VA
EA6NB	10101	0554	26	CA
ES4RL	10104	0354	17	MI
FK8GJ	10101	0601	19	VA
FK8GS	10105	1148	15	AL
FM5BH	10102	1030	16	FL
KH6AFS	10107	0515	13	MI
OA4FW	10102	0040	17	VA
OM3EY	10108	2037	15	MI
STØ/	10101	0027	14	AL
PA3CXC				
YN1CC	10110	0446	17	MI
ZD8LII	10103	0025	11	GA
ZK1NB	10102	0503	15	MA
ZK1NB	10106	1202	15	AL
ZK2XO	10113	1242	20	AL
ZL1BM	10101	0555	18	MI
ZS5LB	10102	0433	17	MI

20 Meter CW

3B8FG *	14020	1230	15	NC
3XØHNU	14020	1145	17	GA
4J4JJ	14022	2150	14	MD
4K2BY	14024	0225	18	NC
4K2RRC	14018	0047	15	CO
4K2RRC	14026	1408	16	CO
4K4RRC	14016	0051	15	OR
4N4XX	14012	0607	26	CA
4N4XX	14005	1959	17	NJ
4N5PK	14023	1520	19	NH
4N5VV	14011	0522	26	CA
4U/	14010	1835	15	SC
OE3MIG Golan Heights/Syria				
9A2DS	14007	1342	18	MI
9H3JR	14010	1925	17	GA
9K2MU	14014	2240	19	MI
9K2ZZ	14003	1850	15	SC
BV4CT	14023	1605	16	MI
BV7EJ	14001	1437	26	CA
C91J	14017	0432	26	CA
CEØZIS	14007	0317	17	MA
Juan Fernandez				
EA9UK	14015	2014	17	NJ
FG4FR	14006	0417	26	CA
FY5FP	14017	1032	12	NJ
HL5AP	14021	1242	19	MI
HSØF	14017	1320	18	MI
HS1CDX	14026	1525	26	CA
J28FO	14014	2220	18	MA
JT1BR	14014	1527	20	ID

JWØF	14026	0408	26	CA
JWØF	14004	2227	19	MI
NH2K	14021	1338	12	CO
OD5/	14016	2245	19	MI
SP7LSE				
PZ1EH	14007	0106	13	CA
RM8MW	14015	0211	17	CO
S21ZG	14003	1510	26	CA
S59CW	14017	1640	18	IL
SV5TH	14002	1820	16	MI
T5/DL8YR	14022	2046	21	FL
T5/K3OQF	14009	1854	21	MD
TF3CW	14005	2235	19	MI
TR8LC	14006	0132	15	MI
TR8LC	14015	2220	17	GA
UAØIAS	14014	0110	13	MI
UAØLCZ	14024	1335	18	MI
UA9AJ	14022	1350	18	MI
UD6DCP	14034	2305	19	FL
UD6DFF	14020	1510	16	SC
UM8QDX	14025	0019	18	FL
UV9CDW	14010	1305	15	MI
VQ9GB	14016	1624	18	MI
VU2MCF	14013	1413	16	CO
XQØX	14020	0200	18	MA
San Felix				
YI1CW	14017	1917	21	MD
YN1CC	14019	1233	14	MA
YN1CC	14019	2301	13	NH
Z21HS	14018	0530	26	CA
ZA1Z	14023	0409	26	CA
ZD8DEZ	14040	2315	14	GA
ZD8VJ	14020	2056	14	NH

20 Meter SSB

7Q7AF	14238	0441	26	CA
7Z2AB	14191	1925	14	NC
FT5YE	14224	0509	18	OR
HS1HSJ	14213	1757	16	MD
JW6RHA	14178	0328	12	CO
S59CM	14222	2230	17	NC
TU5BA	14217	2139	16	NC
VU2AU	14181	0205	19	NC

17 Meter CW

9K2ZZ	18080	1628	14	VA
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CE3ZW	18080	1438	18	NH
S53AX	18072	1230	17	GA
TA2BK	18074	1210	17	GA
ZD8LII	18072	0003	11	CA

15 Meter CW

4L9A	21011	1911	17	NH
4N5CEF	21019	1513	19	NH
4N5FK	21015	1507	19	NH
5X1B	21026	1922	12	CO
7Q7XX	21024	1500	18	IL
7X2AB	21005	1706	15	SC
8R1J	21017	2249	18	CA
9H1BM	21025	1447	19	NH
9H3JR	21012	1906	14	NC
9X5HG	21014	2308	19	FL
CP8XA	21008	1953	17	NC
HJØVGJ	21025	2215	8	CA
TU4SR	21025	1413	19	NC
UO5AW	21010	2019	12	NH
ZA1AK	21003	1245	17	GA
ZD8LII	21010	2223	14	NC

15 Meter SSB

4N4XX	21241	1514	26	CA
4N5CM	21302	1713	19	NC
9L3BM	21384	1851	21	MD
9X5HG	21222	1823	21	MD
9Y4GR	21254	2011	20	NY
C91J	21298	1309	19	NC
CN8HC	21294	1829	17	MD
ET3YU	21274	1518	17	MD
TZ6VV	21272	2053	15	MD
V73C	21312	0225	12	CO

10 Meter CW

9J2BO	28025	1456	18	SC
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10 Meter SSB

3XØHLU	28470	1904	17	MD
5X1A	28380	1810	11	MD
C9TDM	28480	1459	17	FL
LU6FFL	28495	0005	18	FL

More QSL Information

- **VP5P** has a new QSL manager, effective immediately: Timothy Fanus WB3DNA, 6140 Chambers Hill Road, Harrisburg PA 17111-3312.
- **QSL S59CM** (ex-YU3KH) via the *Callbook* address of YU3KH, substituting Slovenia for Yugoslavia, or to: Carl Mark, P. O. Box 43, 65280 Idrija, Republic of Slovenia.
- **QSL PJ8X** from the 1993 CQ WPX SSB contest, and **PJ2/OH6DO** via OH1VL.
- **QSL TA5D** direct only to P. O. Box 963, TR-35214, Izmir, Turkey, and NOT via any DL5 callsign.

Current and Future DXpeditions

(Changes and hot info in boldface.)

<u>DXCC Country</u>	<u>Prefix Callsign</u>	<u>Dates</u>	<u>Issue</u>
American Samoa	KH8/HB9TL	June 18-20	I684
Angola	D2 D2BG	to August	I682
Antarctica	CE9OH	14190 2000Z	Sunday
Ascension Island	ZD8VJ	Now-1994	I673
	ZD8DEZ	to August	I678
Bahamas	C6 C6AGN	April 27-May 23	I685
Bahrain	A9 A92WH	Apr. 15-June 30	I683
Bangladesh	S2 S21ZG	7004 1200Z	I674
	S21ZZ?	May 1-6	I686
Barbados	8P 8P9DL	Apr. 24-May 6	I683
Cambodia	XU XU7VK	to June 30	I686
Corsica	TK/ IK4s	May 14-17	I684
Crozet	FT FT4WD	Now	I670
Ethiopia	ET3TI	now	I683
Fiji	3D 3D2TL	May 27-June 2	I684
Gough Island	ZD9 ZD9CQ	now-May	I680
ITU HQ	4U 4U8ITU	May 8-9, 20-23	I686
Ivory Coast	TU TU4SR	now active	I683
Laos	XW XW2A/XW6A	Apr. 28-May 8	I683
Lebanon	OD5/ SP7LSe	to Aug. 1	I686
Liberia	EL EL2YD	to late 1993	I683
Libya	5A TBA	after Dayton	I681/2
Madagascar	5R 5R8DG	28544 14-1500Z	I672
Maldives	8Q DL1ZBE	Apr. 11-May 2	I683
Monaco	3A/IK1HLG/M	May 11-14	I686
Nevis	V4 V47RS/WC	Apr. 29-May 5	I683
Papua New Guinea	P29TL	May 5-13	I684
Penguin Islands	ZS1 DLs	July 24-Aug. 3	I685
Peter I Island	3Y	Feb. 1-17	I685
Qatar	A7 A71CW	now active	I675
Rwanda	9X 9X5AB	now active	I662
St. Pierre & Miquelon	FP/Ws	June 17-24	I684
	Ws/FP0	July 9-13	I686
St. Paul Island	CY WV2B/CY9	July 9-12	I686
San Felix	CE0 XQ0X	CW now	I681
São Tomé	S9 S92ST	now active	I674
	by ON4QM	soon?	I682
Seychelles	S7 S79MD	now active	I670
Singapore	9V 9V1YU	15M 15-1700Z	I661
Solomon Islands	H4 by HB9TL	May 16-19	I684
Somalia	T5 T5YR	to May 19	I685
Southern Sudan	ST0/PA3CXC	now active	I685
South Cook Islands	ZK1?	May 4-28	I686
Spratly Islands	1S 9M0S	postponed	I680
Syria	YK 4U/OH3MIG	now active	I683
Taiwan	BV/ N4VA	to July	I676
Tokelau	ZK3 ZK3RW	now active	I686
Tonga	A3 by HB9TL	June 10-13	I684
Tromelin	FR/T FR5ZU/T	May	I686
Uganda	5X WF5T/N3JCL	Apr.27-May 12	I681
	5X1B	21030 1900Z	I683
Vanuatu	YJ by HB9TL	May 21-26	I684
Wallis Island	FW/ HB9TL	June 3-8	I684
Walvis bay	ZS9 by DLs	Aug. 4-13	I685
Western Samoa	5W by HB9TL	June 14-17	I684

Resident Amateurs on Regularly

<u>DXCC Country</u>	<u>Callsign</u>	<u>Freq.</u>	<u>UTC</u>
Azerbaijan	UD6DFF	14015±	1500Z
Ceuta & Melilla	EA9UK	14016	21015Z
Guinea	3X0HNU	14018±	0300Z
Iceland	TF3CW	14005	2230Z
Japan	JA1HQT	3505	0930
Mauritius Island	3B8CF	10105	0300Z
Nicaragua	YN1CC	14025±	1230Z
Reunion Island	FR5DX	7050±	0245Z
Rwanda	9X5HG	7008±	0045Z
San Andrés Island	HJ0VGJ	21025	2215Z
Ivory Coast	TU4SR	21025	1400Z

Operating Events and DX Gatherings

<u>Dates</u>	<u>Event</u>	<u>Reference:</u>
May 1	ARI DX Contest	May DX Magazine
May 8-9	Volta RTTY Contest	RTTY Journal



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